PROVERDE LABORATORIES

Test Certificate

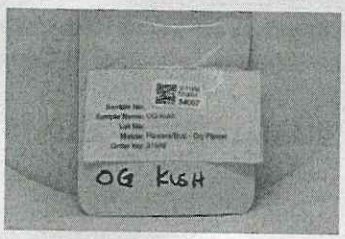
Certificate ID: **84007**
Client Sample ID: **OG Kush**
Lot Number:
Matrix: **Flowers/Bud - Dry Flower**

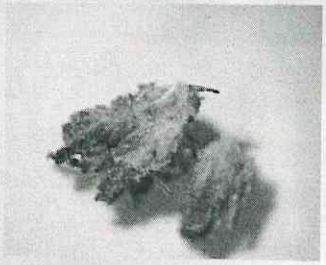
Received: **7/7/20**

Scan QR Code for authenticity

Berkshire CBD
74 Cotton Mill Hl, 251
Brattleboro, VT 05301

Authorization:	Signature:	Date:
Chris Hudalla, Chief Science Officer	Christopher Hudalla	7/14/2020





PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

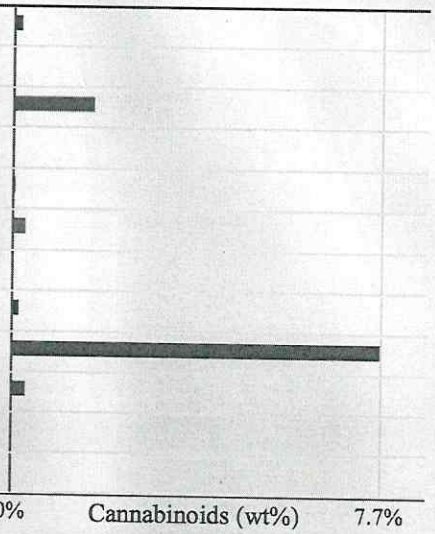
CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: JFD *Test Date: 7/13/2020*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

84007-CN

ID	Weight %	Concentration (mg/g)
D9-THC	0.164	1.64
THCV	ND	ND
CBD	1.70	17.0
CBDV	ND	ND
CBG	0.0532	0.532
CBC	0.274	2.74
CBN	ND	ND
THCA	0.143	1.43
CBDA	7.73	77.3
CBGA	0.295	2.95
D8-THC	ND	ND
exo-THC	ND	ND
Total	10.4	104
Max THC	0.289	2.89
Max CBD	8.47	84.7



Ratio of Total CBD to THC 29.3:1

Limit of Quantitation (LOQ) = 0.0067 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

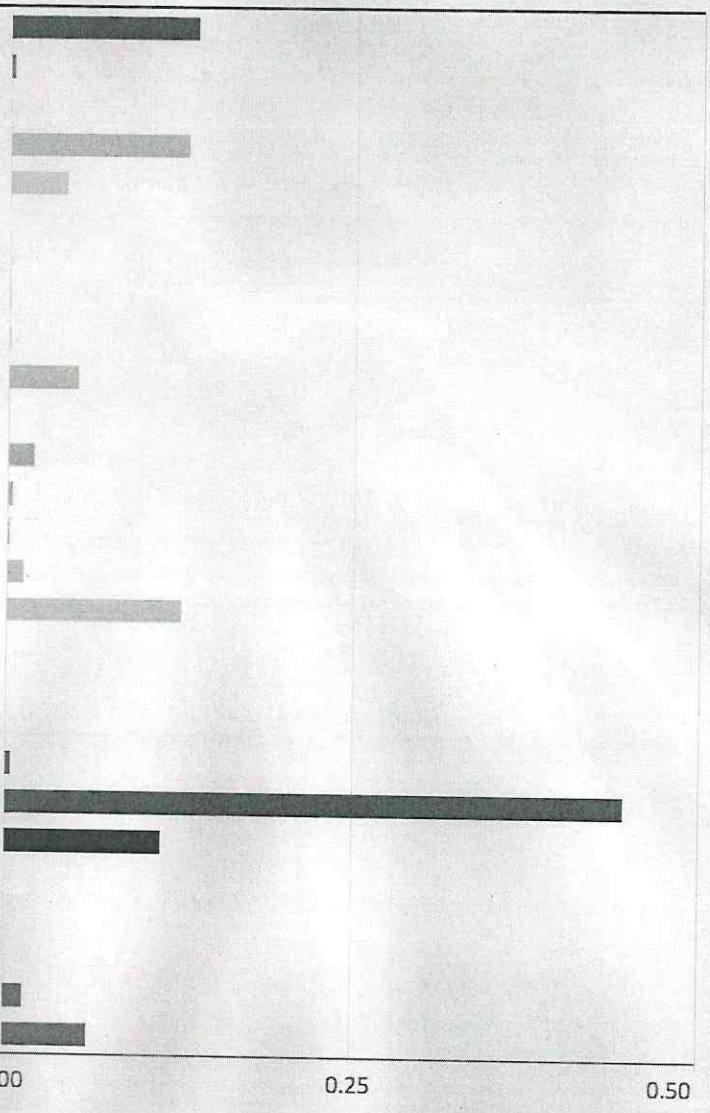
TP: Terpenes Profile [WI-10-27]

Analyst: CA *Test Date: 7/9/2020*

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

84006-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)
alpha-pinene	80-56-8	0.135	1,350
camphene	79-92-5	0.0029	29.0
sabinene*	3387-41-5	ND	ND
beta-myrcene	123-35-3	0.128	1,280
beta-pinene	127-91-3	0.0408	408
alpha-phellandrene	99-83-2	0.0016	16.4
delta-3-carene	13466-78-9	0.0012	12.2
alpha-terpinene	99-86-5	0.0012	12.3
alpha-ocimene	502-99-8	0.0013	12.6
D-limonene	138-86-3	0.0502	502
p-cymene	99-87-6	<RL	<RL
cis-beta-ocimene	3338-55-4	0.0189	189
eucalyptol	470-82-6	0.0040	40.1
gamma-terpinene	99-85-4	0.0018	18.4
terpinolene	586-62-9	0.0123	123
linalool	78-70-6	0.125	1,250
L-fenchone*	7787-20-4	ND	ND
isopulegol	89-79-2	ND	ND
menthol*	89-78-1	ND	ND
geraniol	106-24-1	0.0040	39.6
beta-caryophyllene	87-44-5	0.445	4,450
alpha-humulene	6753-98-6	0.112	1,120
cis-nerolidol	3790-78-1	ND	ND
trans-nerolidol	40716-66-3	ND	ND
guaiol	489-86-1	ND	ND
caryophyllene oxide	1139-30-6	0.0137	137
alpha-bisabolol	23089-26-1	0.0600	600



Total Terpene: 1.2 wt%

* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

END OF REPORT